

Sub 7
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1. (Twice Amended) A dental device configured for curing light-curable compounds, comprising:

a body extending between a proximal end and a distal end, wherein the proximal end of the body is sized and configured to be received by a dental hand piece holding tray that is sized and configured to receive at least one type of dental hand piece; and

a light source disposed at the distal end of the body and configured to emit radiant energy suitable for curing a light-curable compound.

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15. (Twice Amended) A dental device configured for curing light-curable compounds comprising:

a body extending between a proximal end and a distal end, wherein the proximal end of the body is configured to securely fit into a holding slot of a standard dental hand piece holding tray that is sized and configured to securely receive at least one type of dental hand piece, and wherein the distal end of the body is configured in size and shape to be inserted into the mouth of a patient; and

a light source disposed at the distal end of the body and configured to emit light suitable for curing light-curable compounds;

a power cord operably connecting the dental device with a remotely located power supply; and

controls disposed on the body configured to control the operation of the light source, wherein the controls are ergonomically disposed on the body to be manipulated by a thumb during use.

Please add new claims 32-39 as follows:

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32. (New) A dental device configured for curing light-curable compounds, comprising:

an elongate body extending between a proximal end and a distal end;

a light source disposed at the distal end of the body and configured to emit radiant energy suitable for curing a light-curable compound;

a heat sink configured so as to draw away and dissipate heat generated by the light source; and

a transilluminating lens removably attached to the distal end of the dental device and positioned so that light generated by the light source passes through the transilluminating lens.

33. (New) A dental device as recited in claim 32, further comprising a holding tray that is sized and configured so as to be removably attached to the proximal end of the elongate body.

34. (New) A dental device as recited in claim 32, wherein the light source comprises at least one LED or LED array.

35. (Amended) A dental device as recited in claim 32, wherein the light source is adjacent to the heat sink.

36. (Amended) A dental device as recited in claim 35, wherein the heat sink comprises at least one of aluminum, brass, copper, steel or silver.

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37. (Amended) A dental device as recited in claim 32, wherein the transilluminating lens protects the light source from contaminants when the dental device is in use

38. (New) A dental device as recited in claim 32, further comprising one or more controls disposed on the elongate body, the one or more controls configured so as to control illumination of the light source.

39. (New) A dental device as recited in claim 32, further comprising at least one battery disposed at least partially within the elongate body for supplying power to the light source.